

"EXPRESS MAIL" Mailing Label No. EV360021920US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Jason D. Hatton)	<u>PATENT APPLICATION</u>
)	LMS3072P0310US (LS-039)
Serial No.:	Not Yet Designated)	
)	
Filed:	Concurrently Herewith)	Group Art Unit: Not Yet Designated
)	
For:	FLUID DISPENSING)	Examiner: Not Yet Designated
	COMPONENTS)	

INFORMATION DISCLOSURE STATEMENT

Commissioner For Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §1.97, the art identified on the attached form(s)
PTO/SB/08A and other matters discussed below may be helpful to the Patent Office in
its examination of the application identified above.

A copy of each of the documents is enclosed herewith for the Examiner's
consideration.

Admission Of Prior Art

Prior Art Product drawings PA-1 through PA-10 illustrate products used in the
United States of America and are admitted by the applicants to be prior art to the
invention claimed in the above-captioned instant patent application.

COMMENTS ON CITATIONS

Prior Art Product Drawings PA-1 through PA-4 illustrate a diaphragm dispensing
pump for liquid hand soap on sale in the United States of America more than one year
prior to the filing date of the above-captioned patent application. The pump is used in a

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wall-mounted dispenser, and the pump is substantially similar to the pump inside the wall-mounted dispenser 10 illustrated in the U.S. Patent No. 6,216,916. See FIGS. 4-8 for the detailed structure of the pump. The pump illustrated in the prior art product drawings PA-1 through PA-4 functions in a substantially identical manner to the manner of the pump operation described in the U.S. Patent No. 6,216,916.

Prior Art Product Drawings PA-5 and PA-6 illustrate a prior art R13R valve on sale in the United States of America more than one year prior to the filing date of the above-captioned patent application.

Prior Art Product Drawings PA-7 and PA-8 illustrate a prior art V1 valve on sale in the United States of America more than one year prior to the filing date of the above-captioned patent application.

Prior Art Product Drawings PA-9 and PA-10 illustrate a prior art V25 valve on sale in the United States of America more than one year prior to the filing date of the above-captioned patent application.

The Examiner's attention is invited to FIGS. 1-4 of U.S. Patent No. 5,033,655 as showing the ultrasonic deformation or swaging a closure wall around the flange of a pressure-actuable valve.

The Examiner's attention is invited to U.S. Patent No. 5,115,950 which illustrates and describes the ultrasonic deformation or swaging of a closure wall around the flange of a pressure-actuable valve. FIGS. 18 and 19 illustrate the ultrasonic swaging horn 310.

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The Examiner's attention is invited to FIG. 13 of U.S. Patent No. 6,273,307 which illustrates the ultrasonic deformation or swaging of a fitment wall 148 around the flange of a pressure-actuatable valve 200.

The Examiner's attention is also invited to U.S. Patent No. 6,371,340 which describes the inelastic deformation of a clamping ring wall 80, 180 about the flange or ring 20, 120 of a silicone rubber valve 12, 112.

The Examiner's attention is invited to FIGS. 5 and 6 of U.S. Patent No. 5,115,950 as illustrating a support member 68 under a pressure-actuatable valve wherein the member 68 is located radially inwardly of flow passages 62 which are in registry with a peripheral margin of the valve head.

The Examiner's attention is also invited to the U.S. Patent No. 5,271,531 which also shows a support member 68 with flow passages 62 underneath a pressure-actuatable valve.

The Examiner's attention is invited to U.S. Patent No. 6,062,435 which discloses a pressure-actuatable valve restraint structure 56 (FIG. 2) for preventing in-venting through the valve. FIG. 11 shows flow passages or openings 120 between support members 116 in the restraint structure 56, and the flow openings 120 permit liquid to flow up through the openings 120 and against the bottom, downwardly facing surface of the closed valve central portion 82.

The Examiner's attention is also invited to U.S. Patent No. 6,065,642 which discloses an anti-in-venting structure 60 in FIGS. 14-17. As shown in FIG. 16, the structure 60 includes a central pad 64 for contacting the flat surface 6d on the interior

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side of the valve head. Flow apertures 66 are provided in the structure 60 to accommodate flow of liquid against the valve head.

The Examiner's attention is also invited to the figures in the U.S. Patent Nos. 5,115,950 and 5,271,531 which illustrate various flange designs for the pressure-actuable valve.

The Examiner's attention is especially directed to other pressure-actuable valve flange designs in FIGS. 19, 21, and 44-98 of U.S. Patent No. 5,409,144.

The order of listing of the art on the attached Form PTO/SB/08A should not be construed as an indication of the importance of the listed art.

The Patent and Trademark Office Examiner is requested to review the art and determine the extent of the materiality of the disclosures thereof with respect to the patentability of the subject invention. It is expected that the Patent and Trademark Office Examiner will independently conduct a complete search for relevant prior art.

No inference should be drawn and no representation is made or intended: (a) that a search has been made, or if made, was complete; (b) that the art on the attached list presents a comprehensive investigation of the prior art; or (c) that art no more pertinent than that listed is in existence.. [See 37 C.F.R. §1.97(g)]

The mere citation of any art herein is not to be construed as an admission: (a) that the art disclosure is, or is considered to be, necessarily within the invention field of endeavor, pertinent to the instant invention, or equivalent to the instant invention; (b) that the art disclosure is, or is considered to be, necessarily prior in time to a particular date

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which may be relevant in the instant patent application; (c) that the art disclosure is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b); (d) that the art disclosure is otherwise necessarily prior art with respect to the instant invention and application; and/or (e) that the information, protocols, results and the like reported by third parties are accurate or enabling. [See 37 C.F.R. §1.97(g).]


No inference should be drawn that the discussion of any art herein is a discussion of each and every feature disclosed therein.

Also, there is reserved the right to later set forth how the instant invention is distinguished over the disclosures of any document or other art, including the disclosures of the art cited herein, that may be cited by the Examiner in rejecting a claim in the instant patent application.

Respectfully submitted,

Dated: October 28, 2003

By: _____


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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	Not Yet Designated
				Filing Date	Concurrently Herewith
				First Named Inventor	Jason D. Hatton
				Group Art Unit	Not Yet Designated
				Examiner Name	Not Yet Designated
Sheet	1	of	2	Attorney Docket No.	LMS3072P0310US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
		US- 4,061,254	12/06/77	Nilson	
		US- 4,226,342	10/07/80	Laauwe	
		US- 4,230,240	10/28/80	Laauwe	
		US- 4,747,518	05/31/88	Laauwe	
		US- 5,033,655	07/23/91	Brown	
		US- 5,115,950	05/26/92	Rohr	
		US- 5,226,568	07/13/93	Newton et al.	
		US- 5,271,531	12/21/93	Rohr et al.	
		US- 5,409,144	04/25/95	Brown	
		US- 5,472,122	12/05/95	Appleby	
		US- 5,680,969	10/28/97	Gross	
		US- 5,692,651	12/02/97	Fuchs	
		US- 5,705,522	01/06/98	Orgeolet et al.	
		US- 5,842,618	12/01/98	Julemont et al.	
		US- 5,857,595	01/12/99	Nilson	
		US- 6,062,435	05/16/2000	Hess, III	
		US- 6,065,642	05/23/2000	Brown	
		US- 6,273,307	08/14/2001	Gross	
		US- 6,112,952	09/05/2000	Hess, III	
		US- 6,216,916	04/17/2001	Maddox et al.	
		US- 6,371,340	04/16/2002	Pateman et al.	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standards ST.16, if possible. ⁶ Applicant is to place a checkmark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) and application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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				First Named Inventor	Jason D. Hatton
				Group Art Unit	Not Yet Designated
				Examiner Name	Not Yet Designated
Sheet	2	of	2	Attorney Docket No.	LMS3072P0310US

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Prior Art Product Drawings PA-1, PA-2, PA-3, and PA-4	
		Prior Art Product Drawings PA-5 and PA-6	
		Prior Art Products Drawings PA-7 and PA-8	
		Prior Art Product Drawings PA-9 and PA-10	
Examiner Signature			Date Considered

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